

Recombinant Full Length Human ANT XR2 Protein, GST-tagged

Cat. No. ANT XR2-1516HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANT XR2 full-length ORF (NP_477520.2, 1 a.a. - 488 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	488 amino acids
Description	This gene encodes a receptor for anthrax toxin. The protein binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in this gene cause juvenile hyaline fibromatosis and infantile systemic hyalinosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Molecular Mass	79.9 kDa
AA Sequence	MVAERSPARS PGSWLFPGLW LLVLSGPGGL LRAQEQPSCR RAFDLYFVLD KSGSVANNWI EIYNFVQQLA ERFVSPERMRL SFIVFSSQAT IILPLTGDRG KISKGLEDLK RVSPVGETYI HEGLKLANEQ IQKAGGLKTS SIIIALTDGK LDGLVPSYAE KEAKISRSLG ASVYCVGVLD FEQAQLERIA DSKEQVFPVK GGFQALKGII NSILAQSCTE ILELQPSSVC VGEEFQIVLS GRGFMLGSRN GSVLCTYTVN ETYTTSVKPV SVQLNSMLCP APILNKAGET LDVSVSFNGG KSVISGSLIV TATECSNGIA AIIVILVLLL LLGIGLMWWF WPLCCKVVIK DPPPPPPAPAP KEEEEEEPLPT KKWPTVDASY YGGRGVGGIK RMEVRWGDKG

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STEEGARLEK AKNAVVKIPE ETEEPIRPRP PRPKPTHQPP QTKWYTPIKG
RLDALWALLR RQYDRVSLMR PQEGDEGRCI NFSRVPSQ

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ANTXR2](#) anthrax toxin receptor 2 [Homo sapiens]

Official Symbol

[ANTXR2](#)

Synonyms

ANTXR2; anthrax toxin receptor 2; capillary morphogenesis protein 2; CMG 2; CMG2;
FLJ31074; capillary morphogenesis gene 2 protein; ISH; JHF; CMG-2; MGC45856;
MGC111533

Gene ID

[118429](#)

mRNA Refseq

[NM_001145794](#)

Protein Refseq

[NP_001139266](#)

MIM

[608041](#)

UniProt ID

[P58335](#)

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